Application/Control No. Applicant(s)/Patent under Index of Claims Reexamination 10/023,700 HATCH ET AL. Examiner Art Unit Raymond S. Dean 2684 (Through numeral) Cancelled Rejected Non-Elected **Appeal** Ν Α 0 Allowed ١ Restricted Interference Objected

Cla	im		Date								Claim			Date							۱۲	Cla	Date									
	=	10								7		=			П		$\top$	$\Box$			Ιſ		_						T			
Final	Original										Final	Original							-			ja l	Original									
🛅	. <u>e</u>										造	Ţ.					ı		1	1 1		Final	rig									
	0	2									1	0									li		0								- 1	
H	1	ŕ					П	П	T	╛		51		$\Box$	一	寸		$\top$	7	Н	T		101		$\dashv$	$\neg$		$\dashv$	一		$\dashv$	_
	-9:							П	_	7		52	H	$\neg$	一	一		$\top$	$\top$	┰	T		102			_	$\neg$	+	$\dashv$	$\dashv$	7	
$\vdash$	-	<b>V</b>	H			┢		Н	-	$\dashv$	<b>—</b>	53	H	-	$\dashv$	$\dashv$	$\dashv$	+	+	+	h		103					$\dashv$	$\dashv$		╛	
$\vdash$	4	_				$\vdash$	Н	Н	-	$\dashv$	-	54	$\vdash$		<del>-</del>	$\dashv$	-+	+	╅	╢	H	-	103		-	-		$\dashv$	$\dashv$	$\dashv$	+	
	5					$\vdash$	-	Н	$\dashv$	-	$\vdash$	55	Н	-	┪	┪		+	+	$\vdash$	<b> </b> -		105	-	$\dashv$			-		$\dashv$	$\dashv$	
	9	<del>                                     </del>			_	$\vdash$	Н	Н	$\dashv$	$\dashv$	-	56	Н	$\dashv$	$\dashv$	┪	-+		┰	┿┥	<b> </b> -	-	106		$\dashv$			$\dashv$	$\dashv$	-	$\dashv$	
	7	-				$\vdash$	Н	Н		$\dashv$		57	Н	$\dashv$	$\dashv$	$\dashv$	$\dashv$	┿	+	+	l ⊦		107	-		$\dashv$	$\dashv$	$\dashv$	ᅱ	-	$\dashv$	
	-8-	_	$\vdash$	_		$\vdash$	Н	Н		$\dashv$	<del> </del>	58	Н	-	ᆉ	$\dashv$	-+	+	+	+	<b> </b> -		108	-	$\dashv$	_		$\dashv$	$\dashv$		$\dashv$	
	-0-					⊢	Н	Н		$\dashv$	-	59	H	$\dashv$	-+	┰	-+	+	╅	+	l ⊦		109		$\dashv$	_		-	$\dashv$	-+	$\dashv$	_
$\vdash$	40-		$\vdash$			$\vdash$	H	$\vdash$	-+	$\dashv$		60	Н	$\dashv$	$\dashv$	$\dashv$	-	+	+	+	l ⊦		110		-	$\dashv$	$\dashv$	-	-	$\dashv$	+	
	11 '	7	$\vdash$			-	H	Н	-+	$\dashv$		61	$\vdash$	$\dashv$	-	$\dashv$	$\dashv$	+	+	+	⊦	-	111		$\dashv$	$\dashv$				-	$\dashv$	
$\vdash$	12	~	$\vdash$			$\vdash$	Н	H	+	$\dashv$	$\vdash$	62	$\vdash$	$\vdash$	-	$\dashv$		+	+	+	<b> </b> -		112	-		_		$\dashv$		$\dashv$	$\dashv$	
	13		-	-	$\vdash$	$\vdash$	Н	$\vdash$	+	$\dashv$	-	63	Н	$\vdash$	$\dashv$	$\dashv$	+		+	+	<b> </b> -	-	113					$\dashv$		$\dashv$	$\dashv$	_
$\vdash$	14	$\mathcal{C}$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	Н		$\dashv$	-	64	Н			-+	-	+	+	+			114	-	-	$\dashv$	-	$\dashv$	$\dashv$	$\dashv$	$\dashv$	
$\vdash$	15	Y			-		┥╾		$\dashv$	$\dashv$	$\vdash$	65	Н	$\dashv$	$\dashv$	-		+		+	-		114	-	$\dashv$	-		-			$\dashv$	
$\vdash$	16	+		$\vdash$	-	├	$\vdash$	$\vdash$	+	$\dashv$	$\vdash$	66	$\vdash$	$\dashv$		-	+	+	+	+	H		115 116		-		$\dashv$	-		+	+	_
$\vdash$	17	$\mathbf{H}$	$\vdash$	$\vdash$	-	-	$\vdash$	Н	+	$\dashv$	-	67	╁┤	$\dashv$		-	$\dashv$	+	+	+	<b> </b> -		117	-		-		-	$\dashv$	-+	$\dashv$	_
$\vdash$	18	H	-	-	-	$\vdash$	$\vdash$	$\vdash\vdash$	+	$\dashv$	<b>—</b>	68	$\vdash$	$\dashv$		$\dashv$	$\dashv$	+	+	+	<b> </b> -			$\vdash$	-	$\dashv$		$\dashv$			$\dashv$	_
$\vdash$		+	H	<del> </del>	-	├	$\vdash$	H	+	$\dashv$	-		$\vdash$	$\dashv$	-		-+	+	+	+	-		118	$\dashv$	-					$\dashv$		
$\vdash$	19	$oldsymbol{+}$	$\vdash$	-	-	<del> </del>	$\vdash$	Н	$\vdash$	$\dashv$	_	69	Н		$\dashv$	-	$\dashv$		+	+	-		119			_			_		-	
$\vdash$	20 21	+	$\vdash$	$\vdash$		<del> </del>	-		$\vdash$	$\dashv$	-	70 71	Н	$\vdash$	-			-	+	╀┤	-		120	-			-	$\dashv$		+	+	_
		Н				-			-	$\dashv$			Н	$\dashv$	$\dashv$	$\dashv$	-		-		-		121		-			4		-		
$\vdash$	22	╌┨	$\vdash$				Н	Н		-		72	$\vdash$	$\dashv$	$\dashv$	$\dashv$	+			+	l ⊦		122			_		-	_	$\dashv$		
$\vdash$	23 24	$\vdash$					Н	Н	-	-	-	73	-		-	-		+					123			_		$\dashv$	-	-	-	
$\vdash$		Н					Н		_	_		74 75	-				-	+		+	-		124	$\dashv$		_		$\dashv$	-	-	-	
$\vdash$	25	Н	-				Н		+	_			┥	-	_	$\dashv$	-	+		4-4	-		125			_	$\dashv$	$\dashv$	-		-	
$\vdash$	26	$\vdash$	-			_	Н			$\dashv$		76	-	-	_	-	+	+-	-	+	-		126				$\dashv$	$\dashv$		$\dashv$	-	
$\vdash$	27		-	$\blacksquare$			Н	-		-		77	$\vdash$	_	-	-	-		_	+	-		127		-	_	$\dashv$		-	-	4	
	28	H	$\vdash$				-		$\dashv$	-	<b>—</b>	78	-	_			$\dashv$	+		╀	-		128	4	$\dashv$	-			_	_	4	
$\vdash$	29	$\!$	H			<u> </u>	Н		+	4		79			$\dashv$	$\dashv$	$\dashv$	-		+			129		-	_	_	$\dashv$	$\dashv$	-	_	
$\vdash$	30	Ņ۰	L	_			Ш	$\sqcup$	$\dashv$	_	<b></b>	80	$\Box$	_	_	4		+		-			130	_		_	_	_	4		_	!
$\vdash$	31	_		_			Н	$\sqcup$		4	<u> </u>	81	$\sqcup$	-		-	_	$\perp$	_	4	L		131		_	_		4	_		4	
$\vdash$	32	<u> </u>	$\vdash$	$\Box$	$\vdash$		$\vdash \vdash$	$\vdash \vdash$		$\dashv$	<u> </u>	82	$\vdash \vdash$		-			-	+	+	<b> </b>		132	_	_	_		_		_	_	
$\vdash$	33	<u> </u>	$\vdash \vdash$		$\vdash$		Н	$\vdash \vdash$		4	<u> </u>	83	$\vdash \vdash$	$\dashv$			$\dashv$	_	$\bot$	+	<b> </b>		133		_			_	4	$\perp$	$\dashv$	
$\vdash \vdash \vdash$	34	<u> </u>	Н			<u> </u>	$\sqcup$	$\vdash \vdash$	_	4	<b>—</b>	84		$\dashv$	$\dashv$	$\dashv$	+	-	+	+	-		134	_				_	4	$\perp$	4	_
	35	<u> </u>	Н		-		$\vdash \vdash$		-	4	<u></u>	85	$\vdash$	$\dashv$	_	-	$\dashv$	+	+	$\sqcup$	-		135		ļ		_	_	_	_	_	_
<b>  </b>	36	_	Н	-	$\dashv$	<u> </u>			+	-	<b>—</b>	86	$\vdash \vdash$		$\dashv$	-	+	_	+	+	-		136			_		_	_	4	_	
$\vdash$	37	<u> </u>	Ш	$\dashv$			$\vdash \vdash$	$\vdash \dashv$	_	4	$\vdash$	87	$\sqcup$	_	-4		4	$\bot$	+	4-4	-		137	_	ļ	_	_	:_		4	$\dashv$	
$\vdash \vdash \vdash$	38		Н	-	$\dashv$		$\vdash \vdash$	$\sqcup$	-	$\dashv$	<u> </u>	88	$\vdash$	$\dashv$	4		-	_	+-	4			138				_	_		_	$\dashv$	
$\vdash \vdash \vdash$	39	<u> </u>	<u> </u>		-		$\square$	$\sqcup$		-	<u> </u>	89	$\sqcup$	-	_	4	-	4	-	┯	-		139				_	_	_	$\perp$	_	
$\vdash \vdash$	40	<u> </u>	Ш	-			$\vdash \vdash$	$\sqcup$	-	4	$\vdash$	90	$\sqcup$	_	4	-		$\bot$	-	4-4			140	_			_	_	_	4	4	
$\vdash \vdash$	41	<u> </u>	$\vdash \vdash$		$\dashv$		$\vdash \vdash$	$\square$		-	$\vdash$	91	$\vdash \vdash$	_	_	4	_	$\perp$	+	+			141				_	_	_	4	$\dashv$	
$\sqcup$	42	<u> </u>	<u> </u>		$\dashv$		$\sqcup$	Щ	$\dashv$	-	$\vdash$	92	$\sqcup$			4	_	$\perp$	$\bot$	$\bot \bot$			142						_		$\perp$	
$\vdash$	43	_	Ш				$\sqcup$	$\sqcup$	$\dashv$		<u> </u>	93	$\sqcup$		_	_	_	$\bot$	4	igspace			143							$\perp$	$\dashv$	
$\vdash \vdash$	44		Н	_	_		$\sqcup$	Ц	$\dashv$		ļ	94	$\sqcup$	_	_	_	$\perp$	$\perp$	4	4-4			144		ļ			_			$\perp$	
$\vdash$	45	_	Ш		_		Щ	Щ	$\perp$	_	<u> </u>	95	Ш	_		_	$\perp$	$\perp$	4	Ш			145					_	[	$\perp$	$\perp$	
$\sqcup$	46		Ш		_		Щ	Щ	$\perp$	4	<u> </u>	96	Ш		ļ	_	$\perp$	$\perp$	_	$oldsymbol{\perp}$			146								$\perp$	
$\square$	47	<u> </u>	Щ				Ш	Ш	$\bot$	_		97	Ш							┯			147	I	]	]	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$			$\bot$	$_{\perp}$	
$\sqcup$	48			$\Box$			Щ			┙		98	Ш		$\Box$	$oldsymbol{\perp}$						]	148								$\Box$	
, 1	49										1	99		- 1	- [			- 1		$oldsymbol{ol}}}}}}}}}}}}}}}}$	L		149				T		Ī	T		
<b>  </b>	50			_			_					100	$\rightarrow$		$\rightarrow$	_							150					_				